

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Raymond A. Applegate  
Larry N. Thibos

Serial No.: 09/818,996

Filed: March 27, 2001

For: METHODS AND SYSTEMS FOR  
MEASURING LOCAL SCATTERING  
AND ABERRATION PROPERTIES OF  
OPTICAL MEDIA

Group Art Unit: 3737

Examiner: Unknown

Atty. Dkt. No.: UTSK:357US/MCB

**CERTIFICATE OF MAILING  
37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date below:

November 20, 2001

Date

*Michael C. Barrett*

Michael C. Barrett

**RESPONSE TO NOTICE OF INCOMPLETE REPLY**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice of Incomplete Reply, dated September 21, 2001, there are enclosed herewith:

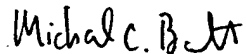
- (a) Substitute Figures 1-17 on 11 sheets;
- (b) A copy of Notice of Incomplete Reply.

No fee is believed to be due in connection with the filing of this document. However, should any fee under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to

this document, the Commissioner is hereby authorized to deduct said fee from Fulbright & Jaworski Deposit Account No.: 50-1212/10102475/MCB.

Please date stamp and return the accompanying postcard to evidence receipt of these documents.

Respectfully submitted,



Michael C. Barrett  
Reg. No. 44,523  
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

Date: November 20, 2001

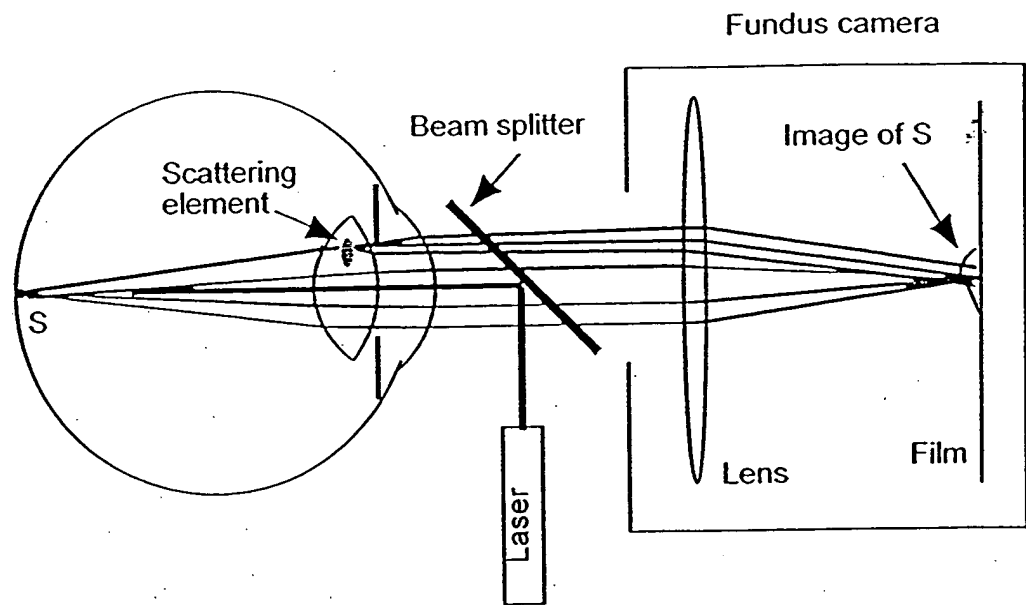


FIG. 1

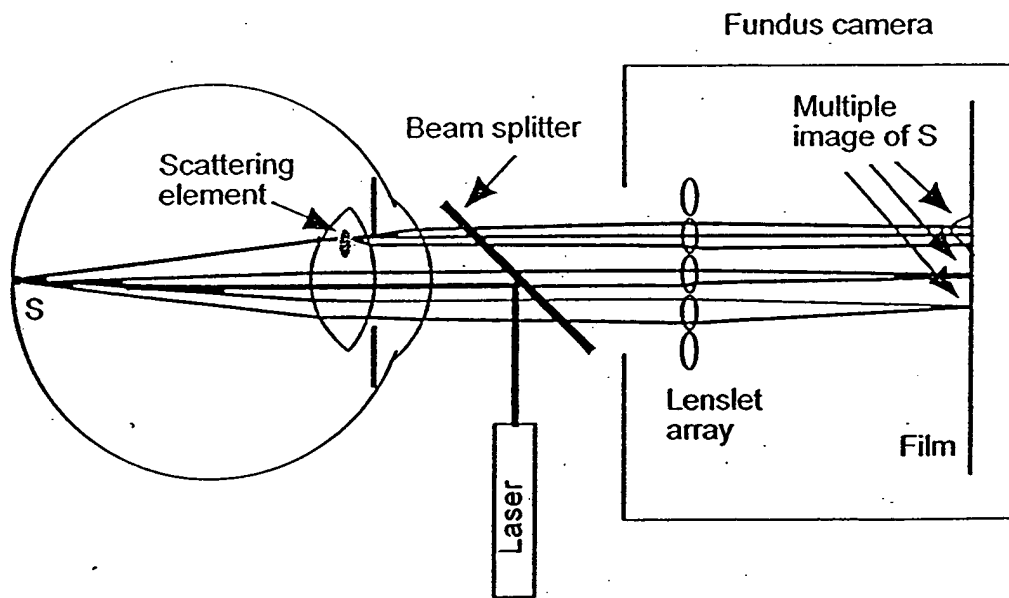


FIG. 2

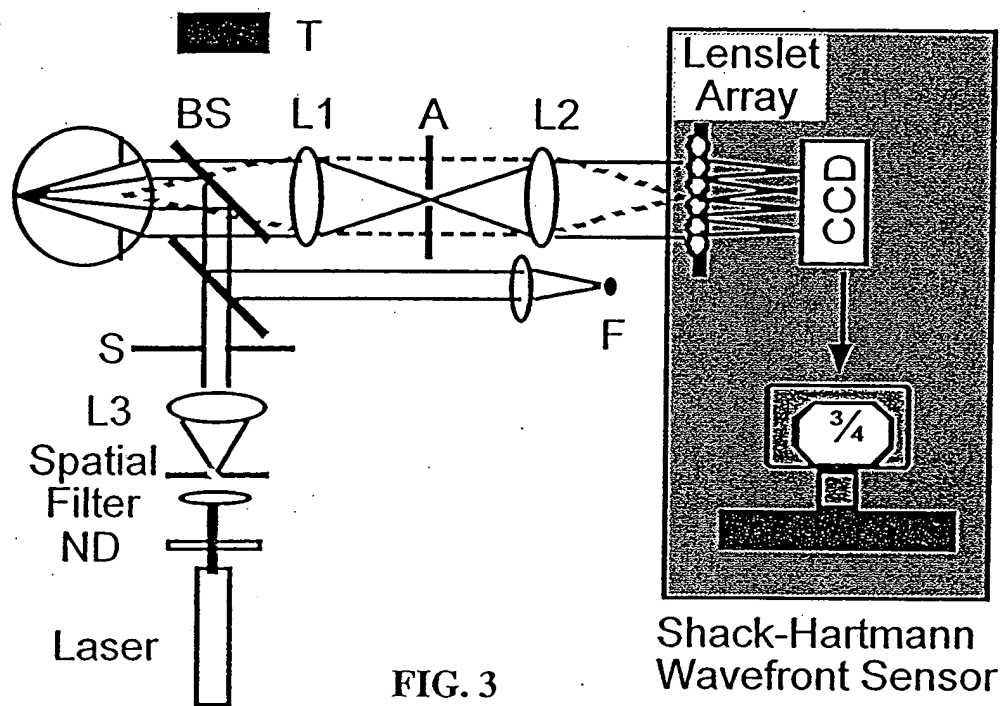


FIG. 3

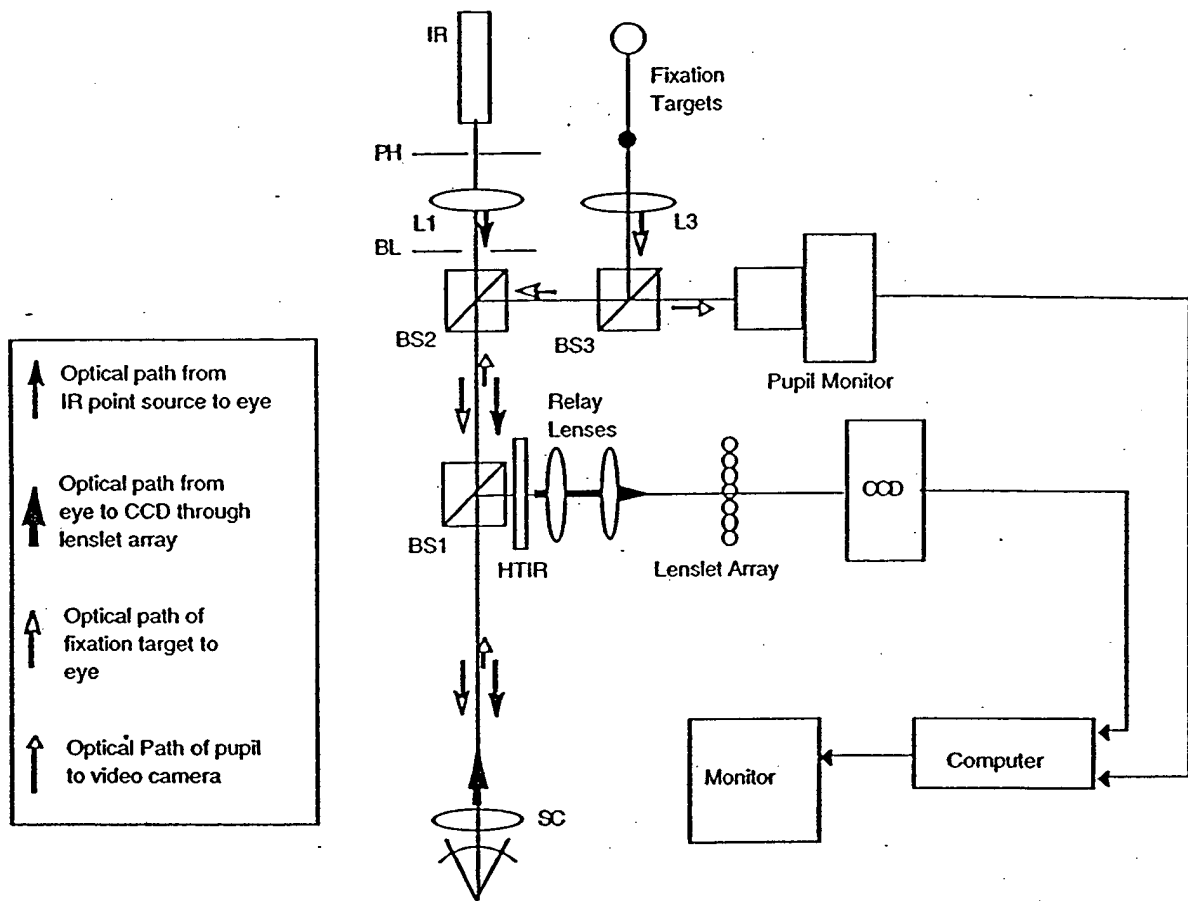


FIG. 4

A

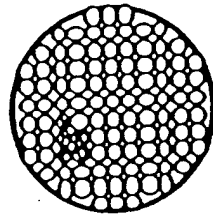


FIG. 5A

B

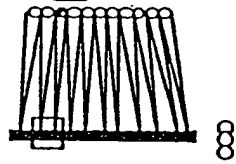
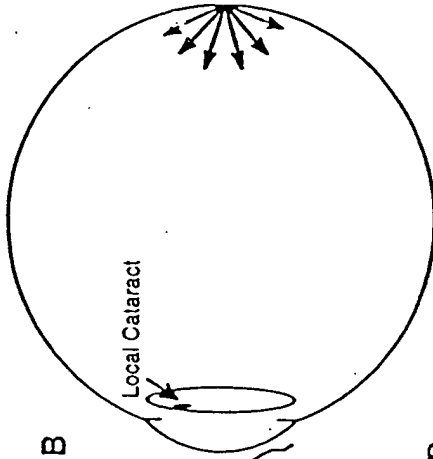


FIG. 5B

Local Cataract



C

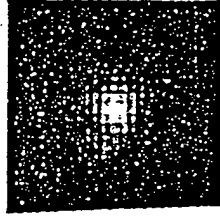


FIG. 5C



FIG. 5D

FIG. 6

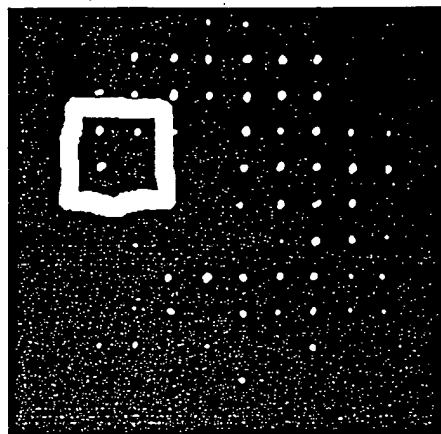


FIG. 7

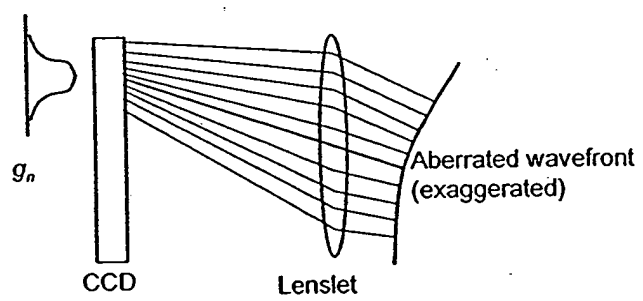
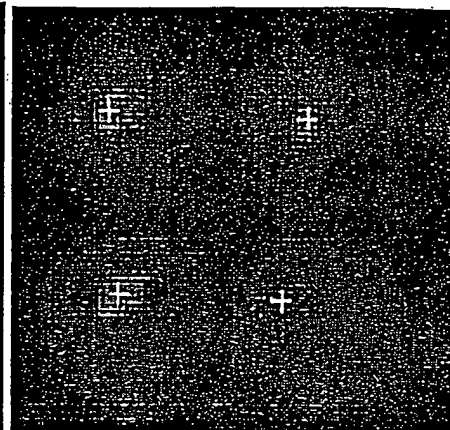
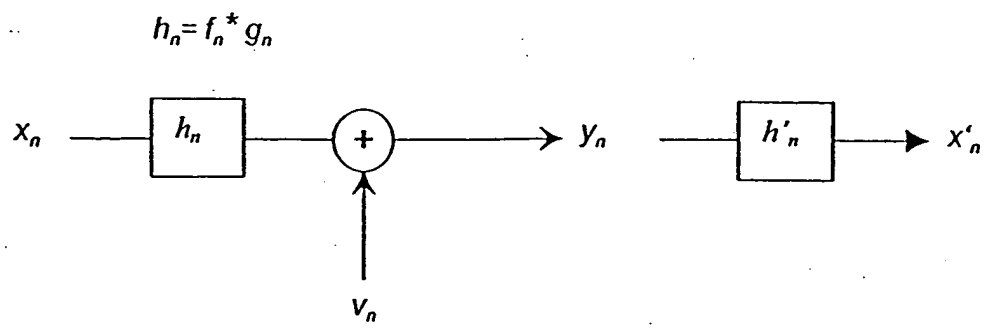


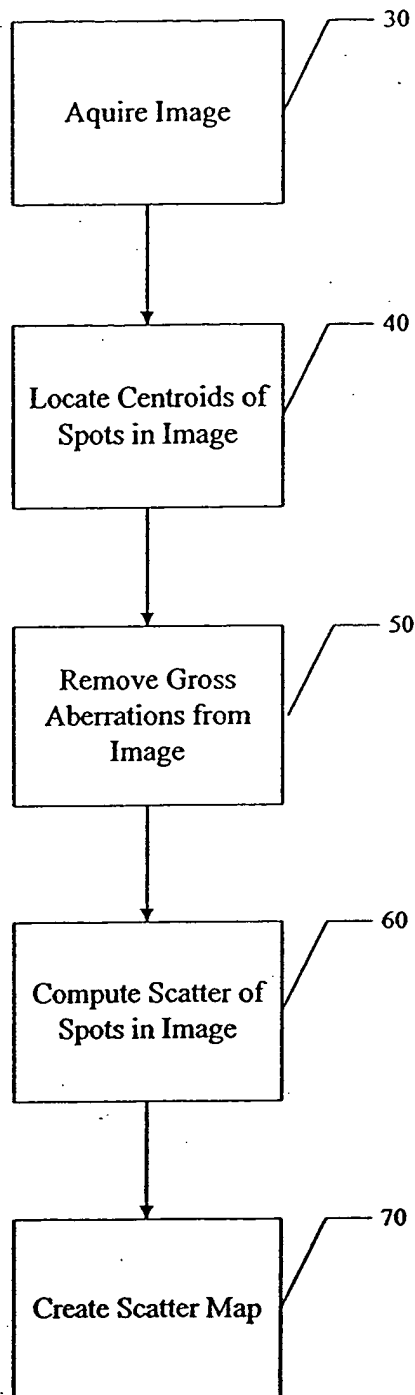
FIG. 8





**FIG. 9**

10



**FIG. 10**

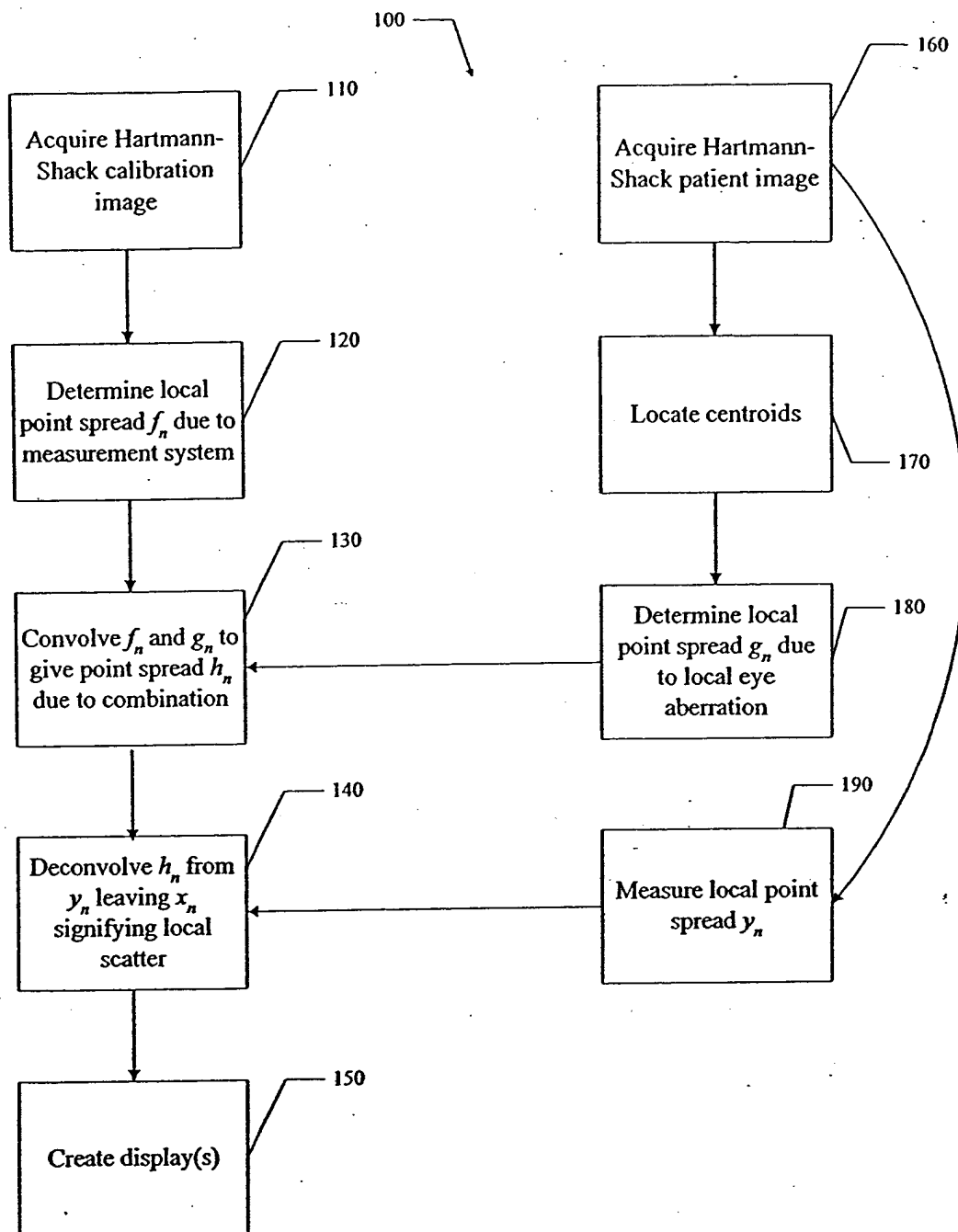


FIG. 11

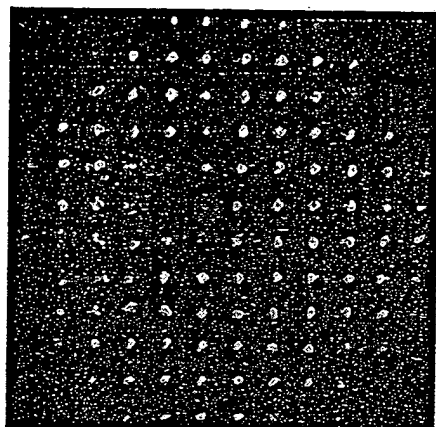


FIG. 12

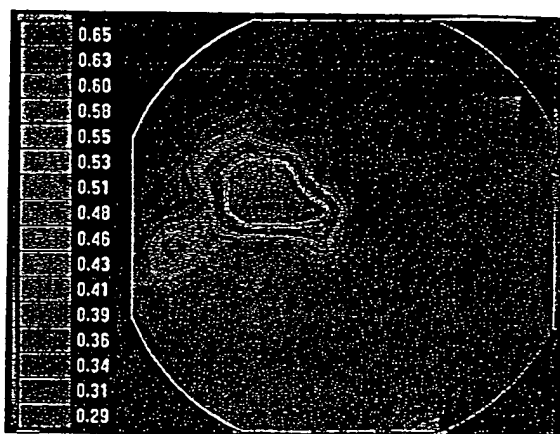
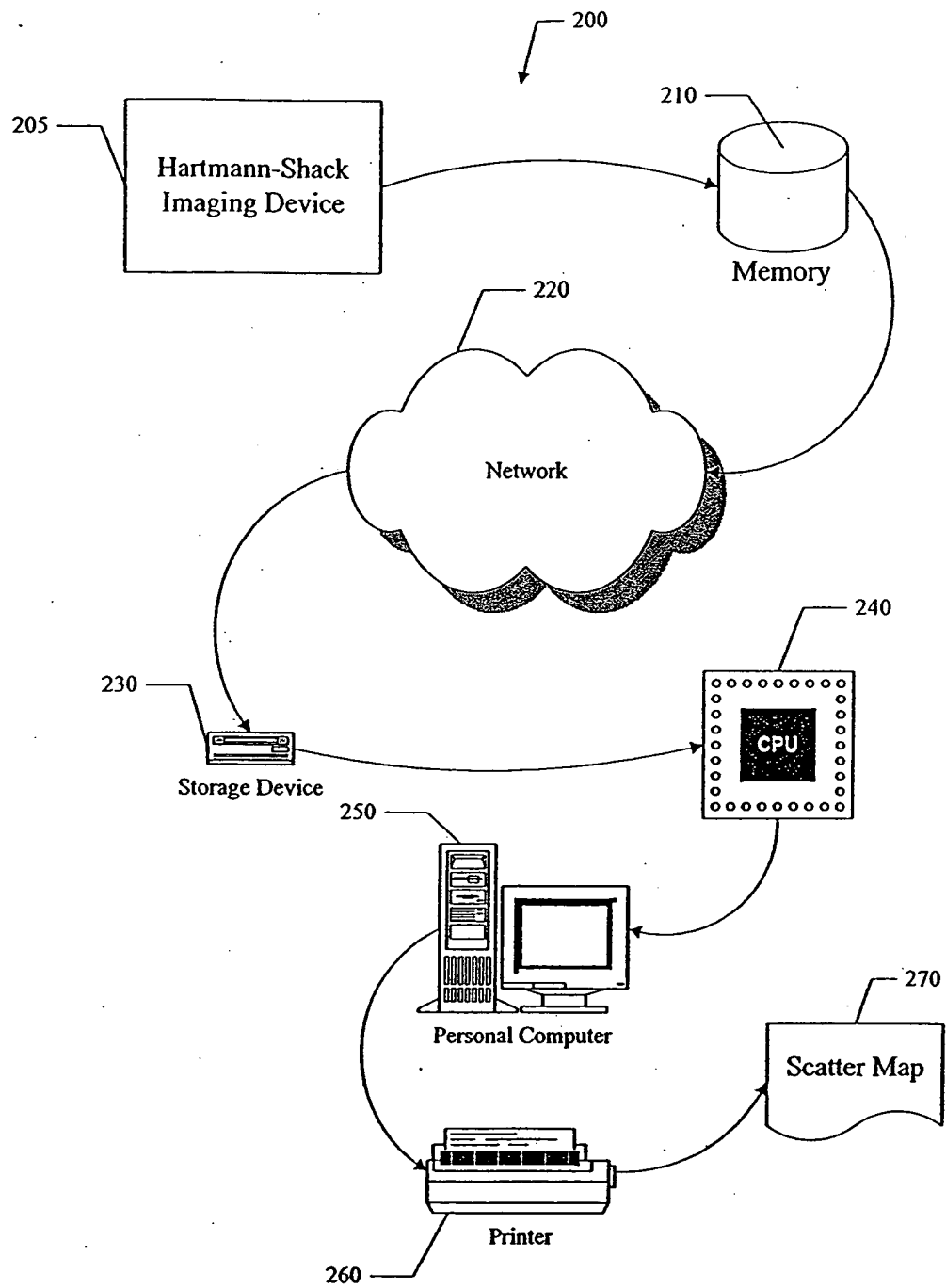
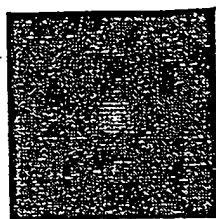


FIG. 13

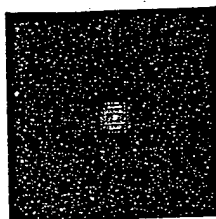
BEST AVAILABLE COPY



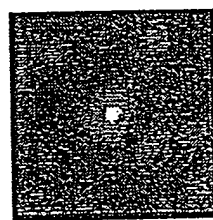
**FIG. 14**



x  
FIG. 15



$\hat{h}$   
FIG. 16



y  
FIG. 17



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/818,996         | 03/27/2001          | Raymond A. Applegate  | UTSK:357US/MCB         |

CONFIRMATION NO. 9758

## FORMALITIES LETTER



\*OC000000006590610\*

FULBRIGHT & JAWORSKI L.L.P.  
A REGISTERED LIMITED LIABILITY PARTNERSHIP  
SUITE 2400  
600 CONGRESS AVENUE  
AUSTIN, TX 78701

Date Mailed: 09/21/2001

## NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

*Filing Date Granted*

The U.S. Patent and Trademark Office has received your reply on to the Notice mailed and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

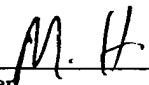
The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

---

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE